19980525.qrp v01_n102.qrs.980525

Date:    Mon, 25 May 1998 19:03:05 EDT
From:    qrp-l@Lehigh.EDU
To:  "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 1102

QRP-L Digest 1102

Topics covered in this issue include:


  1) [11696] Re: Field Day
     by Jim Lowman <jmlowman@ix.netcom.com>
  2) [11697] Dayton vs. Pacificon?
     by Jim Lowman <jmlowman@ix.netcom.com>
  3) [11698] Tnx fer Answer to ARCI time
     by Lisa Osier <osier@northnet.org>
  4) [11699] Re: SOLAR Report 23 May
     by donroher@juno.com (DONALD I ROHER)
  5) [11700] NE602 & NE612 Balanced Output
     by K5BDZ <K5BDZ@aol.com>
  6) [11701] Re: 10 watt SSB rigs?
     by "Ron          A. Kolarik" <74244.227@compuserve.com>
  7) [11702] Re: 10 watt SSB rigs?
     by Ed <edn4pk@voyageronline.net>
  8) [11703] Foxx Kit
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  9) [11704] Re: 2N2222 Rigs, The Book
     by haf47@juno.com
 10) [11705] Re: Parts Needed
     by "Kaktis" <kaktis@dodgenet.com>
 11) [11706] SL6440
     by WU0L <WU0L@aol.com>
 12) [11707] WTB: Ten Tec 217 500hz Filter
     by "Tim Cook" <timcook@erinet.com>
 13) [11708] RE: ARCI Contest
     by "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
 14) [11709] For sale
     by ac5ez@webtv.net (Larry B)
 15) [11710] 8J1VLP, a special memorial QRP station
     by Makoto Minowa <minowa@icepp.s.u-tokyo.ac.jp>
 16) [11711] ZL/QRP in the Hoot Owl Sprint!
     by Joe Gervais <vole@primenet.com>
 17) [11712] ARCI HootOWL'98
     by Bob Edwards <w4ed@flash.net>
 18) [11713] 2N2222 - THE BOOK.....
     by Dave Willey <dave@cds1.net>
 19) [11714] Slick "Finger Capacitaince Iambic Keyer" kit

by Dave Willey <dave@cds1.net>
20) [11715] Dan's Small Parts and Kits
by Jerry Parker <jparker@fix.net>
21) [11716] RE: DC receivers in the news !
by "Peter Zenker DL2FI" <Peter_DL2FI@csi.com>
22) [11717] RE: SG-2020 Qrp Rig?
by "Peter Zenker DL2FI" <Peter_DL2FI@csi.com>
23) [11718] Re: soil conditions
by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
24) [11719] Dayton: my view
by Dick G0BPS <G0BPS@kanga.demon.co.uk>
25) [11720] ZEFI: A most simple frequency indicator.
by Charlos Potma <Charlos.Potma@rivm.nl>
26) [11721] Special memorial QRP station 8J1VLP, detailed schedule
by Makoto Minowa <minowa@icepp.s.u-tokyo.ac.jp>
27) [11722] SST offset?
by Dennis Terribile <wr4i@mindspring.com>
28) [11723] FOR SALE
by "Malcolm Bussey" <mbussey@gte.net>
29) [11724] Re: question
by Chris Trask <ctrask@primenet.com>
30) [11725] Re: NE602 & NE612 Balanced Output
by K5BDZ <K5BDZ@aol.com>
31) [11726] Re: DC receivers in the news !
by n5inz@juno.com (John M Andrews)
32) [11727] Re: SL6440
by Leon Heller <leon@lfheller.demon.co.uk>
33) [11728] RE: DX Receivers antiparallel diodes articles
by "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
34) [11729] FS: MFJ-9040
by "Thomas Fink" <n8qxb@harborcom.net>
35) [11730] NC20 testing
by "Michael A. Gipe" <mgipe@reliablemeters.com>
36) [11731] Re: 10 watt SSB rigs?
by "David D. Meacham" <ddm@datatamers.com>
37) [11732] Field Day Plans?
by Bill Todd <bill@willapabay.org>
38) [11733] Re: Field Day Plans?
by Richard Brittingham <rbritt@visi.net>
39) [11734] hootowl report
by "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
40) [11735] Re: NC20 testing
by K5BDZ <K5BDZ@aol.com>
41) [11736] Intertextual transfers, luddites, pi, and Nils
by "Michael A. Gipe" <mgipe@reliablemeters.com>
42) [11737] Re: C3 Intertype
by "Gary E. Meyers" <gmeyers@dialnet.net>
43) [11738] Hootowl Report (or lack of)

    by Lisa Osier <osier@northnet.org>
 44) [11739] RE: Elmer 101: Part 5 questions
    by penzo@juno.com (Michael A Penzo)
 45) [11740] Non- QRP post... Need info on Motorola UHF brick
    by Bill Howell <bhowell@mail.utexas.edu>
 46) [11741] RS DX-350 Secret?
    by Stewart Whitehouse <STEW_W@compuserve.com>
 47) [11742] Thanks
    by Lisa Osier <osier@northnet.org>
 48) [11743] Mods for 2020??
    by Thomas J McCuen <TMcCuen@compuserve.com>
 49) [11744] Query about "non-reactive" resistors
    by FrConrad <FrConrad@aol.com>
 50) [11745] Not QRP - Junk Mail Increase?
    by Andy Fox <foxes@theriver.com>
 51) [11746] FS
    by ac5ez@webtv.net (Larry B)
 52) [11747] Re: Query about "non-reactive" resistors
    by Zack Lau <zlau@arrl.org>

---

Date: Sun, 24 May 1998 16:09:22 -0700
From: Jim Lowman <jmlowman@ix.netcom.com>
To: kh6b@juno.com, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [11696] Re: Field Day
Message-ID: <3.0.32.19980524160916.006a4ac0@popd.netcruiser>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 01:40 PM 5/24/98 EDT, Dean W Manley wrote:
<snip>
>Much the same here. BIARC will use KH6EJ in Hilo, approximately 99.7%
>SSB. Last year with 1000 watts and two antennas on the same mast for
>Class 2A. So, our group, Hawaii QRP Club (with Hawaii Chapter QCWA) with
>be 100% battery QRP. We will use the call KH6AN, operating at least 90%
>CW. We will be located at Laupahoeohe Point Beach Park. Elevation is six
>feet with nothing but blue Pacific between us and the Golden Gate Bridge.
>We are planning on two antennas: an 80/40-meter broadside array and a
>20/15/10-meter, 3-el. at about 40 feet.

Will look for both BIARC and HI-QRP on FD, Dean.  Hope to work both stations.

>I would have liked ARRL to keep the VHF bonus points as an option to the
>"free" VHF contacts. It would be difficult to get enough VHF points, and
>with no bonus
>points for VHF, it certainly works against us here. The new rule is very
>FB if you are near Chicago or Los Angeles.

Actually, we have had great success with having a VHF station at our FD site, since inaugurating operation on 6 and 2 meters two years ago. This year, a couple of our new and upcoming members proposed to operate a second VHF/UHF station, and will be putting 70cm on SSB and FM. They had hoped to have a presence on 220, but finding an all-mode xcvr for that band is difficult. Two club members have FT-736Rs with 220 capability, but I can understand their reluctance to bring them out in the field. So, we may have only FM on 220, if we operate at all.

We have worked approximately 100 stations on 6/2m combined the last two years, which is far less than impressive from our perch at 5700' in the local mountains, looking right down the throat of the greater LA area. Part of the problem could be power (100w on 6; 10w on 2) but we had decent antennas; a 2-element quad on 6m and a 4-element quad on 2m. This year we will have a 5-element Yagi on 6 and an 8-element quad on 2, and will be running 160-170w on 2m. Not sure if that many local VHF/UHF stations run a FD operation, especially with the ARRL June VHF contest happening just two weeks before. So, there's not much of an advantage for our club over yours, bonus or not. The real points come with the HF CW operation, and that will be our emphasis this year.

I was most upset to see the rule change, and wrote to both our Division Director and to Billy Lunt at ARRL. In my e-mail, I stated that we were able to get more club members involved in FD, especially new hams, with having the VHF station in operation; that it was lower pressure and less intimidating than our HF stations which operate on CW, primarily. I also stated that I was less than pleased that this rule change had not been passed by the membership, in general, before being implemented.

As expected, the answer I received was typical for the ARRL.

73 de Jim - AD6CW

---

Date: Sun, 24 May 1998 16:28:30 -0700
From: Jim Lowman <jmlowman@ix.netcom.com>
To: qrp-l@Lehigh.EDU
Subject: [11697] Dayton vs. Pacificon?
Message-ID: <3.0.32.19980524162825.006a527c@popd.netcruiser>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang,

A few weeks ago, I received a lot of good info about the upcoming Pacificon in October.

I had planned to attend last year, but going would have meant jumping on another plane just days after returning to the west coast from visiting my terminally-ill father in Florida.  In retrospect, the 'Con might have been good therapy.

When I signed WA8RWL in the 60s, I was less than 300 miles from Dayton, and never went.

>From a QRP perspective, my question deals with the value of going to Dayton, when Pacificon is so close.  The program for this year looks great, and I understand that approximately the same number of QRPers attend each event.  It would also be a chance to meet many of the NorCal gang, as well.

For all of the positives that I heard about the QRP activities at Dayton, once again this year I hear LOTS of negatives. For instance, hotels jacking up prices, lousy service, no hot water or air conditioning at DIS at times, seemingly unusual WX conditions (rather hot and humid this year; often rainy) crowds, high prices at the swap, etc, etc.

I wonder if it would be better to fly into Cincinnati and rent a car, staying somewhere in the northern suburbs and commuting to Dayton each day?

Anyway, I'll do my best to be at Pacificon this year.

72 de Jim - AD6CW

---

Date: Sun, 24 May 1998 06:28:13 -0700
From: Lisa Osier <osier@northnet.org>
To: qrp-l@Lehigh.EDU
Cc: osier@northnet.org
Subject: [11698] Tnx fer Answer to ARCI time
Message-ID: <3568206D.6BC5@northnet.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Gang!!!
Mni tnx fer the quick answer to my query!!! Hpr to see a few on 40 mtr Novice section!!! Hope I can drown out those 50,000 watt station with my massive 1 watt (HI HI) See u there!!

73/72s

George Osier N2JNZ/QRP

---

Date: Sun, 24 May 1998 15:35:00 -0700
From: donroher@juno.com (DONALD I ROHER)
To: pharden@aoc.nrao.edu
Cc: qrp-l@Lehigh.EDU
Subject: [11699] Re: SOLAR Report 23 May
Message-ID: <19980524.163616.10350.5.DONROHER@juno.com>

THANK YOU AND I HOPE YOU CAN CONTINUE THIS BIT OF REAL INFORMATION....

On Sat, 23 May 1998 19:09:23 -0600 (MDT) Paul Harden
<pharden@aoc.nrao.edu> writes:
>
>The sun has been very quiet for two weeks and the immediate forecast
>is
>for more of the same. Consequently, the geomagnetic field has also
>been
>quiet to unsettled. Basically means quiet bands, with daytime
>openings
>on the higher bands ... combined with the low absorption and quiet
>conditions, means extending further into the evening hours.
>
>Our old friend that caused all our grief 3 weeks ago is just now
>rotating
>back into view, but it currently appears quiet. A new area formed
>today
>that with further development might cause solar disturbances later in
>the
>week.
>
>The current "real" observational data, however, shows nothing but more
>of
>the same generally quiet sun and a quiet geomagnetic field.
>
>The Solar Report follows, with comments, for those so interested.

>
>JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
>SDF NUMBER 143 ISSUED AT 2200Z ON 23 MAY 1998
>
>IA.  ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM  22/2100Z
>TO 23/2100Z:
>
>SOLAR ACTIVITY WAS VERY LOW. HOWEVER, TWO NEW REGIONS,
>8225 (S18E62) AND 8226 (N17W12) WERE ASSIGNED. REGION 8225 IS THE
>SEEMINGLY BENIGN RETURN OF OLD ERUPTIVE REGION 8210.
>
>Region 8210 is the region that caused all the M-class and X-class
>flares
>3 and 4 weeks ago.  It is just now rotating back into view, and could
>be capable of further activity over the next two weeks ... about how
>long
>it takes for a spot on the sun to rotate from the east limb to the
>west.
>(And likewise, it's on the "back side" of the sun for about 2 weeks).
>
>IT IS SIMPLE IN WHITE LIGHT AND H-ALPHA.
>
>Just means nothing to suggest it is active at the moment.
>
>IN CONTRAST, REGION 8226, BORN ON THE DISK EARLY TODAY, HAS QUICKLY
>GROWN
>TO NOW SHOW PENUMBRA ON BOTH THE LEADER AND TRAILER SPOTS. STRONG
>ARCH-FILAMENTS AND A MODEST AMOUNT OF BRIGHT PLAGE ARE VISIBLE THERE.
>
>A quickly developing area often involves the development of a strong
>magnetic field associated with the area of disturbance.  In this case,
>the magnetic field leaves the sun through one sun spot, called the
>TRAILER
>spot, and reenters the sun at another sun spot, called the LEADER.
>This
>magnetic field about the area of disturbance is not optically visable,
>but
>is "mapped" by both earthbased and space based instruments.  But
>should a
>flare or CME occur, it throws out burning mass, which gets caught in
>this
>magnetic field, which is what gives many solar flares that "halo" or
>arched appearance.  It is the solar mass flowing along and painting an
>outline of this magnetic field.  It was not too long ago that the
>arches
>of a solar flare were thought to be the mass being pulled back into
>the
>sun by gravity, as it has been fairly recently that magnetic fields

>associated with sun spot groups could be measured (since they are
>swamped
>by the far stronger sun's magnetic field).  Instruments with a higher
>dynamic range have made mapping these weaker magnetic disturbances
>possible.
>
>IB.  SOLAR ACTIVITY FORECAST:  SOLAR ACTIVITY IS EXPECTED TO BE LOW.
>REGION 8226 MAY CONTINUE TO DEVELOP AND PRODUCE OCCASIONAL C-CLASS
>FLARES.
>
>C-class flares seldom cause any disturbance to our geomagnetic field.
>But if this area continues to grow in intensity over the next few
>days,
>it could produce M and X class flares and geomagnetic storming next
>week.
>Admittedly, that's being a bit presumptuous from the "scientific data"
>just yet!
>
>IIA.  GEOPHYSICAL ACTIVITY SUMMARY FROM 22/2100Z TO 23/2100Z:
>THE GEOMAGNETIC FIELD WAS QUIET TO UNSETTLED AT MIDDLE LATITUDES, AND
>QUIET TO ACTIVE AT HIGH LATITUDES.
>
>No explanation is offered why the geomagnetic field may be active at
>higher latitudes ... likely just due to a slight increase in the solar
>wind.
>
>IIB.  GEOPHYSICAL ACTIVITY FORECAST:  THE GEOMAGNETIC FIELD IS
>EXPECTED TO BE QUIET TO UNSETTLED THE NEXT THREE DAYS.
>
>Basically, fairly favorable for HF communications.
>
>IV.  PENTICTON 10.7 CM FLUX
>OBSERVED           23 MAY 090
>PREDICTED   24 MAY-26 MAY  095/095/100
>90 DAY MEAN        23 MAY 108
>
>With this old active region rotating into view, which raised the solar
>flux
>last solar rotation, it will likely cause the solar flux to start
>rising
>again over the next week to improve the higher bands.
>
>V.  GEOMAGNETIC A INDICES
>OBSERVED AFR/AP 22 MAY  006/008
>ESTIMATED AFR/AP 23 MAY  010/015
>PREDICTED AFR/AP 24 MAY-26 MAY  010/015-005/010-005/010
>
>Nothing predicted but fairly quiet geomagnetic conditions.

>
>Gud dx, Paul NA5N
>National Radio Astronomy Observatory
>Socorro, New Mexico
>
>VLA and VLBA radio telescopes
>
>

_____
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Date: Sun, 24 May 1998 20:40:15 EDT
From: K5BDZ <K5BDZ@aol.com>
To: K5BDZ@aol.com, qrp-l@Lehigh.EDU
Subject: [11700] NE602 & NE612 Balanced Output
Message-ID: <9a76b9c1.3568bdf0@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

NE602 and NE612, are for most ham purposes, the same IC.
Output impedance is:
Pin 4: 1,500 Ohms.
Pin 5: 1,500 Ohms

Input Impedance is:
Pin 1:  1,500 Ohms
Pin 2:  1,500 Ohms

For balanced output (or input) using both terminals, consider Pins 3 & 4 as a 3,000 ohm combined impedance, and when center tapped, giving you 1,500 Ohms either side of center tap.  You want to RF ground the center tap, but not DC ground the center tap, so you use a capacitor from center tap to ground, thus blocking DC voltages from grounding, but allowing RF voltages to ground at that point, thus completing your RF output circuit.

The capacitor to ground may be in the pF range for tuning the transformer, or for just RF ground, use a .01 MFD.

Wind a secondary winding to match the appropriate impedance to your next stage.
I am not familiar with the Elmer 101 teachings or study.  Hope I did not mess

up the prof.
Too much theory?  Questions on the above?

Bill K5BDZ

---

Date: Sun, 24 May 1998 21:06:05 -0400
From: "Ron          A. Kolarik" <74244.227@compuserve.com>
To: qrp-l <qrp-l@Lehigh.EDU>
Subject: [11701] Re: 10 watt SSB rigs?
Message-ID: <199805242107_MC2-3DFD-5540@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

At 09:47 5/23/98 -0400, you wrote:
>I'm trying to think of 10 watt PEP SSB rigs designed specifically
>for QRP use--what radios were marketed for this purpose?  I'll
>even take examples of kits or homebrew designs.  The only one I
>can think of is the Wes Hayward design using a really exotic
>Siliconix MOSFET.--Zack W1VT

     I have a Kenwood TS-660 -- 10 W  AM,FM,SSB,CW  15,12,10 & 6 meters.  I seem to remember they also
had one that covered 40,20,15, & 10 meters. The number escapes me at the moment .

Ron Kolarik   N0IDT

---

Date: Sun, 24 May 1998 21:36:55 -0400
From: Ed <edn4pk@voyageronline.net>
To: 74244.227@compuserve.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [11702] Re: 10 watt SSB rigs?
Message-ID: <3568CB37.181613C7@voyageronline.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Atlas made a RX110/TX110 that was 10 watt CW/SSB rig. Covered 10-80 if I remember correctly. Used one on my first ever FD as a Novice. 10 meter

CW lookout here we come...hi
Ed N4PK

---

Date: Sun, 24 May 1998 18:58:15 -0700
From: Norm Melick <henmel@postoffice.worldnet.att.net>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [11703] Foxx Kit
Message-ID: <3568D037.1BF5FE51@postoffice.worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Anybody building a Foxx kit?

If you get a chance, give me a hollar.

Norm

---

Date: Sun, 24 May 1998 22:16:10 -0400
From: haf47@juno.com
To: larsennc@alaska.net
Cc: qrp-l@Lehigh.EDU
Subject: [11704] Re: 2N2222 Rigs, The Book
Message-ID: <19980524.221617.3406.0.haf47@juno.com>

Hi All....Hopefully I won't moan the day I am saying this...BUT, this
sounds like an interesting project, and I volunteer to consider putting
this project together....who would you recommend I contact for more
information?

73, Howie

Have scanner...Have binding system....perhaps losing common sense...

WA2AFD
haf47@juno.com

On Sun, 24 May 1998 08:34:31 -0800 "Jim Larsen (AL7FS)"
<larsennc@alaska.net> writes:
>Why not a book with all ten designs?  Include templates for any boards
>that
>were designed.  Add info on cross reference for US and world-wide

>parts
>as one
>appendix, see if FAR will do up the boards that are available, make
>each
>
>chapter a forum for the designer to expand even the material already
>provided
>for the contest, add in photos of each rig and of each completed
>board,
>and
>then split any profits or losses 10 ways between the authors.  (Maybe
>11
>ways
>if an additional person takes on the publishing task.).
>
>73,  Jim,  AL7FS
>
>Roger Braker wrote:
>
>> I would at least like to see the schematics of the top ten rigs.  Of
>course
>> this wouild require the permission of the designers but I think that
>this
>> contest produced some unique ideas and seeing the schematics could
>be
>great
>> learning experience.
>
>
>
>
>

_____________________________________________________________
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Date: Sun, 24 May 1998 21:40:05 -0500
From: "Kaktis" <kaktis@dodgenet.com>
To: <donroher@juno.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [11705] Re: Parts Needed
Message-ID: <01dd01bd8786$6dfff3e0$384eb1cf@kaktis.dodgenet.com>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

A URL would be helpfull for this Dans small parts
Kaktis
KE0YQ
-----Original Message-----
From: DONALD I ROHER <donroher@juno.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Sunday, May 24, 1998 5:24 PM
Subject: Re: Parts Needed


>YES.... LOG ON TO DAN'S SMALL PARTS.  INCREDIBLE PARTS SUPPLY FOR THE
>BUILDER. ALL PARTS ARE NICE, CLEAN, WELL PACKAGED AND HE STOCKS SOME OF
>THE CLASSIC QRP BUILDING BLOCKS TO A FINE QRP STATION.
>
>NOT RELATED, DON'T WORK THERE, THIS IS JUST THE BEST SUPPLY OUT SIDE TECH
>AMERICA, THEY ARE  ALSO ON THE NET.....
>
>73....   NL7QT
>
>
>
>On Fri, 22 May 1998 22:00:54 -0400 Ed <edn4pk@VoyagerOnline.net> writes:
>>Gang,
>>    I am in need of either a 5.6 or 6.8 uH molded choke for my 38S. I
>>would like to move the frequency down about 6 or 7 kc's. Willing to
>>pay a fair price and shipping costs. Anyone have such an animal in
>>their junk box ?? And why do we call it junk ?? Its not junk to me,
>>lotta good stuff that I have had for 20+ years and just know I will
>>need it........
>>someday........
>>Ed N4PK
>>CW from beautiful downtown Chickamauga,Ga.....72/73
>>
>>
>
>_____________________________________________________________________
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>Or call Juno at (800) 654-JUNO [654-5866]
>
>



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Date: Sun, 24 May 1998 23:10:01 EDT
From: WU0L <WU0L@aol.com>
To: qrp-l@Lehigh.EDU
Subject: [11706] SL6440
Message-ID: <b5601033.3568e10b@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Does anyone know the input and output impedances of the Plessey SL6440 mixer?

73   TNX   WU0L   Mark

---

Date: Sun, 24 May 1998 23:16:24 -0400
From: "Tim Cook" <timcook@erinet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [11707] WTB: Ten Tec 217 500hz Filter
Message-ID: <013001bd878b$80167040$2c775acf@timcook.erinet.com>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Looking for a 217 500hz filter for my Omni-C. Please email if you have one.
thanks
Tim
NZ8J

---

Date: Sun, 24 May 1998 23:20:39 -0300
From: "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
To: <qrp-l@Lehigh.EDU>
Subject: [11708] RE: ARCI Contest
Message-ID: <01bd8783$b5f5eae0$07199e03@luis>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

HI !
Worked three stations, well really actually two, as the third I could not

complete
the exchange ! 40 meters, around 7040 kHz, very heavy QRM from Venezuelan SSB's stations, QRN from thunderstorms in the Caribbean... No European QRM.
K1ZZ Dave with 4 watts had an outstanding signal... maybe he has installed a 6 to 12 mHz HR 4-4--0.5 CCIR curtain array ( should be about 20 dB gain)
It was fun digging other signals out of the noise level, QSB etc...
Real challenge !!!
Arnie Coro CO2KK

---

Date: Sun, 24 May 1998 22:28:05 -0500
From: ac5ez@webtv.net (Larry B)
To: qrp-l@Lehigh.EDU
Subject: [11709] For sale
Message-ID: <199805250328.UAA09363@mailtod-121.bryant.webtv.net>
Content-Type: TEXT/PLAIN; CHARSET=US-ASCII
Content-Transfer-Encoding: 7BIT
MIME-Version: 1.0 (WebTV)

Hw8 with matching power supply $150  with manual
Ten Tec Keyer (matches the century 21) $35

Larry , Ac5ez
Qcwa

---

Date: Mon, 25 May 1998 12:40:35 +0900
From: Makoto Minowa <minowa@icepp.s.u-tokyo.ac.jp>
To: qrp-l@Lehigh.EDU
Cc: minowa@icepp.s.u-tokyo.ac.jp
Subject: [11710] 8J1VLP, a special memorial QRP station
Message-ID: <199805250340.MAA10532@tkyice.icepp.s.u-tokyo.ac.jp>
Mime-Version: 1.0
Content-Type: Text/Plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

As I wrote in my article of QRP Quarterly April issue entitled ``QRP in JAPAN'', this year's operation of 8J1VLP has been started.  It will be operated by members of JARL QRP Club from May 25th till June 30th from several QTH's moving all over Japan including field operations. The detailed operation schedule will be posted later. The

operation frequencies are listed at the bottom of this message.

8J1VLP is a special memorial QRP station for the QRP day, June 17th.
The suffix VLP stands for ``Very Low Power''.

It was agreed in IARU Region III Conference 1985, that June 17th
should be proclaimed as a yearly QRP day with the goal that all
amateurs use low power on this day.  It is also hoped that the other
regions will join in and make this a worldwide QRP day.

I hope lots of DX staions work 8J1VLP.

Operation fequencies of 8J1VLP,
(They may change in case of QRM, etc.)
---
CW mode
1.911  3.511  7.011  10.106  14.060  18.080  21.110

24.910  28.110  50.090  144.090
---
SSB mode
3.547  3.750  7.055  14.285  18.120  21.200
24.950 28.450 50.200  144.200
---
FM mode
29.30  51.00  145.00  433.00  1295.00
---
AM mode
28.900  50.620
---

7N3WVM
MINOWA, Makoto
A bigot with no Yaesu, no Kenwood and no ICOM in his shack.

---

Date: Sun, 24 May 1998 21:27:24 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-l@Lehigh.EDU
Subject: [11711] ZL/QRP in the Hoot Owl Sprint!
Message-ID: <199805250427.VAA12247@usr09.primenet.com>

Howdy Folks,

Maybe I've gone nuts (well OK, that's a given... :-) )

but I could SWEAR I just worked ZL1AL/QRP in the
Hoot Owl Sprint on 20m. He answered my CQ and I
darn near fell off the chair! Time was 9:14pm
local AZ, 0414Z.

Gotta tell ya, it was the sweetest thing to
hear coming back to my call! Not that the rest
of you guys aren't fun to work, of course. ;-)
But trans-pacific DX in a little ol' Sprint?

I could get USED to these sunspot thingies!
Back to the bands. Think I'll try 40 a bit.
Must've worn out all my luck on 20m with that
New Zealander. :-)  And if you're out there
lurking, ZL1AL, thanks very much! What a HOOT!

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"If it ain't fun, you ain't doin' it right!"  -The AZ ScQRPions

---

Date: Mon, 25 May 1998 00:30:15 -0400
From: Bob Edwards <w4ed@flash.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Cc: "Ron Pace, AA4RP" <aa4rp@amsat.org>
Subject: [11712] ARCI HootOWL'98
Message-ID: <3568F3D7.893C4D55@flash.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

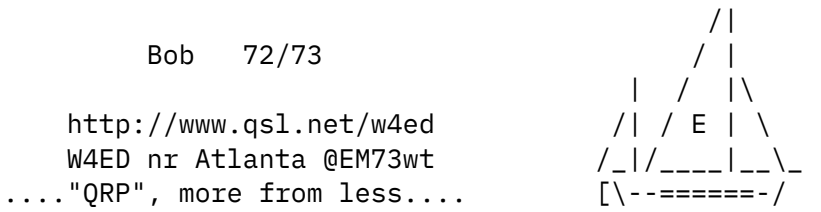
This one is in the bag for 4 land.

Good news : 20 meters was active late.
 Bad news : 40 meters was very weak here.

Last hour was extremely slow, but first three were fun.

QSO Points  186
S/P/C        31
5 watts       7
Score    40,362

--




---

Date: Sun, 24 May 1998 21:44:28 -0700
From: Dave Willey <dave@cds1.net>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [11713] 2N2222 - THE BOOK.....
Message-ID: <3568F72C.3CB6@cds1.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

2N2222 BOOK?....Nah, I'll wait for the movie....(GRIN)

Actually, a website would be TONS easier than a paper bound book.

72,

Dave

(Waiting for my ZM-2 tuner kit to come so I can get on the air with
less than my current >3:1 SWR....)
--
IF there indeed are other parallel universes... I can now rest in the
knowledge, that in at least one of them, I am filthy rich and drive a
red Ferrari
--
To send a reply please remove "NOJUNKMAIL" from the return address,
and replace "AT" with "@"

Dave Willey
e-mail: dave AT cds1.net
amateur e-mail: kd6kwm AT cds1.net
amateur packet: KD6KWM@KD6KWM.#NCA.CA.USA.NOAM
--
QRP-L #1567

---

Date: Sun, 24 May 1998 22:23:43 -0700
From: Dave Willey <dave@cds1.net>
To: QRP-L <qrp-l@Lehigh.EDU>
Cc: daved@crl.com
Subject: [11714] Slick "Finger Capacitaince Iambic Keyer" kit
Message-ID: <3569005F.12FC@cds1.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I ran accross a Iambic key kit that I bought a couple of years ago & forgot about, long before I got interested in QRP. (Amazing what one can find when you dig REAL deep in the junk closet! Didn't even have to carbon date it...)

Slick idea & kit Dave Duchesneau KD6LSA (SHORT ORDER ELECTRONICS) came up with.
Small plastic box 2.25" x 5.5" with a 1" PCB sticking out the small end. The PCB has two capacitive touch plates that you tap (like you would tap your two fingers on the table) Only moving parts (besides your fingertips) is a micro slide on/off switch. Send CW as fast as you like.It was a nice distraction today as I built it. Very easy kit to build. Runs off a 9V battery inside the case. Should last a long time.

Would be great for lightweight backpacking.

I want to see about hooking up a TICK2 keyer chip inside mine.

I did add a DPDT switch to reverse the dit/dah lines. Another local ham turns his around and holds it like a computer mouse when he's mobile. Otherwise it sits on a table facing your fingertips.

If your interested in this iambic key, check with Dave & see if he's still making these kits. (Like I said my kit was bought +2 years ago. He might make up some more if people are interested.)

KD6LSA Duchesneau, Dave daved@crl.com

(Usual disclaimers apply. Just a happy kitbuilder.)

--
IF there indeed are other parallel universes... I can now rest in the
knowledge, that in at least one of them, I am filthy rich and drive a
red Ferrari.
--
To send a reply please  remove "NOJUNKMAIL" from the return address,
and replace "AT" with "@"

Dave Willey
e-mail:                 dave AT cds1.net
amateur e-mail:         kd6kwm AT cds1.net
amateur packet:         KD6KWM@KD6KWM.#NCA.CA.USA.NOAM
--
QRP-L #1567


------------------------------

Date: Sun, 24 May 1998 23:04:16 -0700
From: Jerry Parker <jparker@fix.net>
To: qrp-l@Lehigh.EDU
Subject: [11715] Dan's Small Parts and Kits
Message-ID: <2.2.32.19980525060416.0073aec0@fix.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

GREAT NEWS!

Dan's Small Parts and Kits has added 50 neat items to his

Spring and Summer SALE since Dayton.



Dan's URL is:  http://www.fix.net/dans.html



Enjoy,,,72,,,Jerry...WA6OWR...K







------------------------------

Date: Mon, 25 May 1998 09:24:49 +0200
From: "Peter Zenker DL2FI" <Peter_DL2FI@csi.com>
To: "'Internet Liste via PoP3'" <qrp-l@Lehigh.EDU>
Subject: [11716] RE: DC receivers in the news !
Message-ID: <000001bd87b0$f0684100$16d374a7@ZENKERPN.perkin-elmer.com>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Arnie and all you fellow QRPers,
in deed the Polyakov mixer is an excellent alternative to all the directconversion mixers described in western hemisphere literature. For those who are interested, we had two excellent articles for experimenters in the German QRP Magazin QRP-REPORT. The one written by Hajo Brandt, DJ1ZB includes all the theorie and the basics. I can send you an e-mail copy in German language, but if there is more interest it would be possible to translate it and send it either to the QRP Quarterly or QRpp to be printed.

72 de Peter, DL2FI

> Several designs for the Polyakov mixer ( RA3AAB ) were published in
> the russian "RADIO" magazine in the nineteen seventies and eighties.
> Arnie Coro CO2KK
> Host of Dxers Unlimited
> Radio Havana Cuba

---

Date: Mon, 25 May 1998 09:34:09 +0200
From: "Peter Zenker DL2FI" <Peter_DL2FI@csi.com>
To: "'Internet Liste via PoP3'" <qrp-l@Lehigh.EDU>
Subject: [11717] RE: SG-2020 Qrp Rig?
Message-ID: <000101bd87b0$f45ef6a0$16d374a7@ZENKERPN.perkin-elmer.com>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

When they started advertising in Europa they said: The real follow up of the well known QRP Plus. TX on amateur radio frequencies ONLY, export version with full coveridge TX. On some of the Web pages of SGC dealers you will find this advertising until now.

I understood/understand that to be an advertizing for an amateur radio

Peter, DL2FI

>
> Nowhere in their advertising, on the web or elsewhere, have I
> seen any claims by
> SGC that this radio was meant or designed for the amateur
> radio qrp market. They
> describe the 2020 as a commercial grade, "multi-mission"
> transceiver suitable for
> many types of radio services such as marine, aeronautical ,
> drill platforms, etc,
> as well as amateur radio. Considering that most of these
> services with the exception
> of amateur radio no longer use cw, it's easy to see why SGC
> would opt for the SCAF
> filtering system rather than the narrow bandwidth crystal
> filtering that some of
>
> Best 72/73
>
> Mathew Nessel VE8MN
>
> PS: No connection to SGC, just a fair minded guy!!
>
>
>
> Free web-based email, anytime, anywhere!
> ZDNet Mail - http://www.zdnetmail.com
>
>

---

Date: Mon, 25 May 1998 06:00:07 -0400 (EDT)
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: Paul Harden <pharden@aoc.nrao.edu>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [11718] Re: soil conditions
Message-ID: <Pine.GSO.3.96.980525054252.7924B-100000@moe.cas.utk.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

> ObQRP: greener lawns lowers the feed impedance of a vertical by 3 ohms.

Actually, the lower impedance is real, but depends upon the means used to green up the lawn. With soils that are naturally filled with metalic compounds, water will dissolve some, increasing the ions in solution and thus increasing the conductivity. Placing a simple vertical in the middle of a good septic tank drain field has long been an honored practice in ham radio.

For lawns without the high metalic compound content, the effect is less notable, unless one subscribes to some one of the lawn chemical treatment services, in which case a. one is dependent upon which chemicals are used to treat the lawn and b. one does not especially care what happens to pet and wildlife (birds, etc.) who cannot read the chemical warning signs and continue to feed in the freshly treated lawn. Since my YL is a song bird rehabilitator, there is no need to add that I am not especially in favor of this latter option.

But, then, I also do not recommend adding a septic tank and drain field if you are already hooked up to a sewer system.

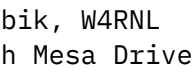
An added phenoenon of relevance is the following: some beam and tower users note an apparent difference in take-off angle in sandy desert locations between normally dry conditions and when it rains--the rainy condition temporaily raising the TO angle, as if the antenna had been lowered. This is not improbable, if the dry soil contains metalic compounds which are not especially conductive when dry (sand = glass) and the reflective layer is much lower in the strata below the antenna. Rain dissolves some compounds, giving an order of surface reflection closer to the antenna. The effect would require the wet soils to be several wavelengths from the antenna to catch the region of signal reflection--with horizontal antennas, the soil immediately beneath the antenna is not too important (compared to its importance with verticals). Hence, watering your own lawn in the desert would not create the effect, but watering all of your neighbors' lawns for a 3-4 wavelength radius might do the job. But here it is a job the beam owner did not want done, since he wanted the lower angle (=dry soil).

We have only begun to scratch the surface of soil phenomena related to antennas--and for most urban dwellers, changing those conditions in the right places is not feasible.

-73-

LB, W4RNL

L. B. Cebik, W4RNL
1434 High Mesa Drive



(Off)(423) 974-7215
(Hm) (423) 938-6335

Knoxville, Tennessee      /\   \   \ \   /  / || /       (FAX)(423) 974-3509
37938-4443     USA       /  \   \   \ \       ||               cebik@utk.edu
 QRPARCI 2572   G-QRP 7203   CQC 125   NEQRP 347   NORCAL 1111   MIQRP 1432
  NWQRP 401     ARRL Life: Technical & Educational Advisor     10-10 41159
   QCWA 13211  scQRP 28  AK/QRP 343  CW Ops QRP Club (VK) 476  FISTS 2600
                    http://web.utk.edu/~cebik/radio.html

---

Date: Mon, 25 May 1998 09:25:57 +0100
From: Dick G0BPS <G0BPS@kanga.demon.co.uk>
To: jmlowman@ix.netcom.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [11719] Dayton: my view
Message-ID: <hhLFmSAVsSa1EwaP@kanga.demon.co.uk>
MIME-Version: 1.0

Hi Gang,

Well I only got back from the US on Friday evening after a 6 hour delay at Detroit (again!)

My view on Dayton... well yes there were problems with the hotel. George G3RJV & I spent an hour with the manager Monday morning. An hour well spent!

I don't go for a great hotel, nor the flea market, in fact I only saw about 2/3 of it this year. I don't go for the booths inside nor the bargain prices on computer gear.

I spend $650 for a flight, plus hotels, car hire etc to spend a few evenings with some great QRP folk who I have got to know over the years. The depth of knowledge gathered at the DIS hotel is staggering.

There is no-where else on earth where this happens, and when it does happen at Dayton I want to be there, be part of it and have FUN.

Forget the hotel and its problems, just remember that bit. The FUN.

TTFN de ..

--

Dick Pascoe G0BPS
Kanga Products
Seaview House, Crete Road East
Folkestone CT18 7EG  U.K.
Tel 44 (0) 1303 891106
http://www.kanga.demon.co.uk

---

Date: Mon, 25 May 1998 13:37:45 +0200
From: Charlos Potma <Charlos.Potma@rivm.nl>
To: qrp-l@Lehigh.EDU
Subject: [11720] ZEFI: A most simple frequency indicator.
Message-ID: <C125660F.003F097F.00@notesmta.rivm.nl>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii

Dear QRP-L'ers,
I have made a most simple frequency indicator
for my NORCAL Cascade.
The indicator consists of 8 LED's arranged on
the front panel as follows:

50 kHz o  o 5 kHz
40 kHz o  o 4 kHz
20 kHz o  o 2 kHz
10 kHz o  o 1 kHz

The LED's are switched on or off with a PIC 16C84
microcontroller that determines VFO frequency,
and corrects for IF. This correction can be user-
programmed for two bands.

I have found that this simple arrangement
works quite well. The ZEFI can be used in other
rigs as well.

Take a look at:

http://www.geocities.com/CapeCanaveral/Lab/9595/zefi.html

where you will find schematics and source files.

Thank you,

Charlos Potma, PA3CKR

charlos.potma@rivm.nl

---

Date: Mon, 25 May 1998 20:52:34 +0900
From: Makoto Minowa <minowa@icepp.s.u-tokyo.ac.jp>
To: qrp-l@Lehigh.EDU
Cc: minowa@icepp.s.u-tokyo.ac.jp
Subject: [11721] Special memorial QRP station 8J1VLP, detailed schedule
Message-ID: <199805251152.UAA14090@tkyice.icepp.s.u-tokyo.ac.jp>
Mime-Version: 1.0
Content-Type: Text/Plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Addendum to my previous posting.

Special memorial QRP station 8J1VLP is being operated from May 25th
till June 30th.

Please watch the schedule table of the operation at the webpage of
JARL QRP Club;

http://www.infoseed.co.jp/qrp/

Click the item named [Information] of the top menu of the homepage.
Please note that the schedule is written in JST ( = UTC + 9 hours).

Good luck !

QRP-L #572
7N3WVM
MINOWA, Makoto
A bigot with no Yaesu, no Kenwood and no ICOM in his shack.

---

Date: Mon, 25 May 1998 07:56:03 -0400
From: Dennis Terribile <wr4i@mindspring.com>
To: qrp-l@Lehigh.EDU
Subject: [11722] SST offset?
Message-ID: <3.0.4.32.19980525075603.006856c4@mindspring.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi All,
Got my 30m SST working fine..except that folks are answering my CQ's wayyyy up freq! If the thing didn't have such tight filtering(great!) I could probably live with it. Has anyone else had this problem?
thanks,72
Dennis/WR4i

---

Date: Mon, 25 May 1998 07:40:49 -0500
From: "Malcolm Bussey" <mbussey@gte.net>
To: <qrp-l@Lehigh.EDU>
Subject: [11723] FOR SALE
Message-ID: <01bd87da$58f7d860$e677fed0@MalcolmBussey>
MIME-Version: 1.0
Content-Type: multipart/alternative;
     boundary="----=_NextPart_000_00B6_01BD87B0.7021D060"

This is a multi-part message in MIME format.

------=_NextPart_000_00B6_01BD87B0.7021D060
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

I have a beautifully made OHR-400 for sale.  It has the keyer kit =
installed. It works and looks as if it had just arrived from OHR after =
alignment. I am not getting out of QRP, I am just returning to Ten-Tec =
stuff. I would like to have $250 plus shipping for the rig and all =
documentation.
Tnx es 73,
Malcolm Bussey (KF5JX) (mbussey@gte.net) (903-793-5745).....

------=_NextPart_000_00B6_01BD87B0.7021D060
Content-Type: text/html;
     charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

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http-equiv=3DContent-Type>
<META content=3D'"MSHTML 4.71.1712.3"' name=3DGENERATOR>
</HEAD>
<BODY bgColor=3D#ffffff>

<DIV><FONT color=3D#000000 size=3D2>I have a beautifully made OHR-400 =
for=20
sale.  It has the keyer kit installed. It works and looks as if it =
had just=20
arrived from OHR after alignment. I am not getting out of QRP, I am just =

returning to Ten-Tec stuff. I would like to have $250 plus shipping for =
the rig=20
and all documentation.</FONT></DIV>
<DIV><FONT color=3D#000000 size=3D2>Tnx es 73,</FONT> </DIV>
<DIV><FONT color=3D#000000 size=3D2>Malcolm Bussey (KF5JX) (<A=20
href=3D"mailto:mbussey@gte.net">mbussey@gte.net</A>)=20
(903-793-5745).....</FONT></DIV></BODY></HTML>

------=_NextPart_000_00B6_01BD87B0.7021D060--



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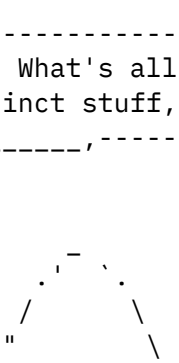
Date: Mon, 25 May 1998 06:25:56 -0700 (MST)
From: Chris Trask <ctrask@primenet.com>
To: Larry B <ac5ez@webtv.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [11724] Re: question
Message-ID: <Pine.BSI.3.96.980525062437.2751A-100000@usr05.primenet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 23 May 1998, Larry B wrote:

> Can anyone tell me what a "Luddite" is ?
>

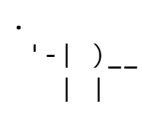
    That's a person who opposes, prevents, or hinders technological progress.  Modern day manifestations include engineering managers.




Circuit Design for the
RF Impaired

Chris Trask / N7ZWY
Principal Engineer
ATG Design Services
P.O. Box 25240
Tempe, Arizona 85285-5240

Technical Editor,



QRP Quarterly
QRP ARCI 9464


Email: ctrask@primenet.com
http://www.primenet.com/~ctrask


Graphics by Loek Frederiks

---

Date: Mon, 25 May 1998 09:33:47 EDT
From: K5BDZ <K5BDZ@aol.com>
To: K5BDZ@aol.com, qrp-l@Lehigh.EDU
Subject: [11725] Re: NE602 & NE612 Balanced Output
Message-ID: <d46abb71.3569733d@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Somehow the word "transformer" disappeared from my post above referenced post.

To clarify, let me try it again:
"For balanced output (or input) using both terminals, consider Pins 3 & 4 as a 3,000 ohm combined impedance. Use an output transformer that is center tapped, giving you 1,500 Ohms either side of center tap....."

Hope this makes more sense to folks

Do many of you want to see various samples of input/output circuits for the NE602 and NE612, and similar ? If so, which club magazine do you want to see them printed in?
Bill, K5BDZ

---

Date: Mon, 25 May 1998 08:59:31 -0500
From: n5inz@juno.com (John M Andrews)
To: Peter_DL2FI@csi.com
Cc: qrp-l@Lehigh.EDU
Subject: [11726] Re: DC receivers in the news !
Message-ID: <19980525.085935.3214.17.N5INZ@juno.com>

Hello Peter-

This was also reported in either Ham Radio or CQ in the late 70's or
early
80's. Memory begins to fail with age. I *do* remember- It was easily
reproduced with even the most sparse junk box and the American writer
was very impressed with how well it worked.

Imagine- just a few diodes and a simple coil being the heart. Our Russian
friend made a pretty fine discovery.

72, John- N5INZ

_____
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Get completely free e-mail from Juno at http://www.juno.com
Or call Juno at (800) 654-JUNO [654-5866]

---

Date: Mon, 25 May 1998 08:22:42 +0100
From: Leon Heller <leon@lfheller.demon.co.uk>
To: WU0L@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [11727] Re: SL6440
Message-ID: <gErsnLACxRa1EwJq@lfheller.demon.co.uk>
MIME-Version: 1.0

In message <b5601033.3568e10b@aol.com>, WU0L <WU0L@aol.com> writes
>Does anyone know the input and output impedances of the Plessey SL6440 mixer?

| | |
|---|---|
| LO input impedance | 1K5 |
| Signal input impedance | 500R single-ended |
| | 1K differential |
| Output impedance | open collector |

For best performance use a 1:1.5+1.5 CT transformer on the input, with a
450R resistor across the input pins (12 and 13). Use a 1:1+1 CT
transformer on the output, with the CT connected to Vcc1. Vcc2 is
connected to pin 4, and should be 2-3 V less than Vcc1. LO should be 200
mV RMS.

It's a pretty good mixer, but isn't made any more. 8-(

I've got the data and an application note, in the Plessey Linear IC
Handbook.

Leon

--
Leon Heller: leon@lfheller.demon.co.uk http://www.lfheller.demon.co.uk
Amateur Radio Callsign G1HSM    Tel: +44 (0) 118 947 1424
See http://www.lfheller.demon.co.uk/dds.htm for details of my AD9850
DDS system. See " "/diy_dsp.htm for a simple DIY DSP ADSP-2104 system.

------------------------------

Date: Mon, 25 May 1998 09:45:19 -0300
From: "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
To: <qrp-L@Lehigh.EDU>
Subject: [11728] RE: DX Receivers antipararell diodes articles
Message-ID: <01bd87da$f9867200$07199e03@luis>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Dear PETER ZENKER et al:
YES... I think it is going to be a very interesting contribution to the
development
of QRP rig's receivers.
A posting with the articles for the QRP-L will move a lot faster than a
printed
article, and will let us carry on some experiments with this very
interesting
circuit.
Thanks Peter for letting us now about the german literature in the subject
Arnie Coro CO2KK

------------------------------

Date: Mon, 25 May 1998 12:21:36 -0400
From: "Thomas Fink" <n8qxb@harborcom.net>
To: "qrp-l" <qrp-l@Lehigh.EDU>
Subject: [11729] FS: MFJ-9040
Message-ID: <000401bd87f9$30486820$e8049ece@default>
MIME-Version: 1.0
Content-Type: multipart/related;
     boundary="----=_NextPart_000_0005_01BD87D7.A93FEFE0"

This is a multi-part message in MIME format.

------=_NextPart_000_0005_01BD87D7.A93FEFE0

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------=_NextPart_001_0006_01BD87D7.A93FEFE0
Content-Type: text/plain;
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Content-Transfer-Encoding: 7bit

FOR SALE:
MFJ- 9040   5w40m CW Xcvr  with MFJ 726 Plug-in audio filter.
Condition: Mint
Includes box and manual

Price: $140.00  shipping included.

Thomas E. Fink
 Hm: n8qxb@harborcom.net


------=_NextPart_001_0006_01BD87D7.A93FEFE0
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size=3D2></FONT></SPAN><SPAN class=3D980351516-25051998><FONT =
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audio filter.</FONT></SPAN></DIV>
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Date: Mon, 25 May 1998 09:57:15 -0700
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: "QRP-L list" <qrp-l@Lehigh.EDU>
Subject: [11730] NC20 testing
Message-ID: <1f6e01bd87fe$2bdf7670$309f5ecf@double_trouble.reliablemeters.com>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang --

I have the good fortune of being in temporary possession of Prototype
# 1 of the Norcal 20 transceiver, having volunteered to test said rig.

No test session would be complete without a little on-air exercise,
would it?

So far, I've had eight QSOs with the rig:

TR8JPF    Gabon    Africa
S51BO    Slovenia    Europe
JH4JNG    Japan    Asia
XQ3IDY    Chile    South America
ZL3KIM    New Zealand    Oceania
E21CJN    Thailand    Asia
9M6AAT    Malaysia    Oceania
XM7P    Trutch Island DXpedition, Canada    North America

Antenna is tribander at 57 feet.
Signal reports received ranged from 559 to 599.  One guy changed my
RST from 579 to 559 after I told him I was QRP.  Power out was
adjusted to 5w, 3w, or 2w at various times.

QRP WAC in less than two weeks.  Not bad, eh?

Mike K1MG

---

Date: Mon, 25 May 1998 11:15:43 -0700 (PDT)
From: "David D. Meacham" <ddm@datatamers.com>
To: Zack Lau <zlau@arrl.org>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [11731] Re: 10 watt SSB rigs?
Message-ID: <Pine.LNX.3.91.980525111326.20666A-100000@dt1.datatamers.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Zack,
I looked at the manual for my IC-505 & it says 10 Watts when one uses the
built-in amp (all mode, 6 meters only).
72, Dave, W6EMD

---

Date: Mon, 25 May 1998 10:42:09 -0700
From: Bill Todd <bill@willapabay.org>
To: nwq-l@scn.org
Cc: qrp-l@Lehigh.EDU
Subject: [11732] Field Day Plans?
Message-ID: <1.5.4.32.19980525174209.0070bc00@willapabay.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hello QRPers -

We have less than two weeks to go before the June 98' issue of the NorthWest
QRP Club's "NWQ" goes up on the Web, with the annual "Field Day 98'" update
article.

Here is the latest information I have regarding the various QRP Clubs that
plan to operate an organized Field Day operation.  Is YOUR QRP Club listed
here?  If not, please forward your information to me at your earliest
convenience.

Thanks - Bill-N7MFB
Editor, "NWQ" Newsletter

---
Group Name:  Alaska QRP Club
Callsign:  KL7AQC
Class:  ?
Location:  Chena Lakes Campground
Contact Person:  Bruce, KL7JAF  bhopkins@ptialaska.net

--
Group Name:  Austin A.R. Club, A-QRP Club & Central TX QRP
Callsign:  W5KA
Class:  2A

Location:  Austin, TX
Contact Person:   Stuart, K5KVH - rohre@arlut.utexas.edu

--
Group Name:  Colorado QRP Club - Group 1
Callsign:  W0CQC
Class:  2A Battery
Location:  Elizabeth, CO about 40 miles SE of Denver
Contact Person:  Paul Beckett, KF7MD  pbecket@uswest.com

--
Group Name:  Colorado QRP Club - Group 2
Callsign:  N0QT
Class:  2A Battery
Location:  Cherry Creek State Park which is about
               10 miles south of Denver
Contact Person:  Jan, N0QT  jmedley@ix.netcom.com

--
Group Name:  Guano Reef Bashful Perverts
Callsign:  N4BP
Class:  ?
Location:  Fiesta Key on Long Key, FL
Contact Person:  Bob Patten, N4BP  n4bp@bc.seflin.org

--
Group Name:  HI QRP Club & HI Chapter 194 QCWA
Callsign:  KH6AN
Class:  ?
Location:  Laupahoehoe Point Beach Park
Contact Person:  Dean Manley KH6B  kh6b@juno.com

--
Group Name:  UHaM, the Ham Radio Club at the University of Hawaii
Callsign:  AH7R
Class:  ?
Location:  Manoa Ho'omaluhia Botanical Garden and Park,
    Oahu Island, Hawaii, Grid BL11.
Contact Person:  Mike Burger, AH7R  mike@hawaii.edu
http://www.chem.hawaii.edu/uham

--
Group Name:  The Minnesota QRP Society
Callsign:  WQ0RP
Class:  ?
Location:  Minnesota Senior High School rear athletic field
Contact Person:  Bill, N0BSN  WBrisley@aol.com

--
Group Name:  NorthWest QRP Club
Callsign:  (not chosen yet)
Class:  2A Battery
Location:  Bush Pioneer Park, Bay Center, WA
Contact Person:  Bill, N7MFB  bill@willapabay.org

--
Group Name:  Ski Country ARC
Callsign:  K0RV
Class:  2A
Location:  White River National Forest between Aspen
               and Glenwood Springs, CO
Contact Person:  Bob, KI0G  bcutter@teal.csn.net

--
Group Name:  New Jersey QRP Club
Callsign:  WQ2RP
Class:  ?
Location:  Probable site: Delaware Water Gap (Millbrook, NJ)
Contact person:  George Heron, N2APB  g.heron@dialogic.com

--
Group Name:   Two Old Farts
Callsign:   W5RIF (w/WB0CGH)
Class:   1B-battery
Location:   San Francisco Ranch - Davis Mountains - South Texas
Contact Person:  qlf@msg.ti.com

--
Group Name:  The Zuni Expeditionary Force
Callsign:  K6ZNI
Class:  2B-battery
Location:  Table Mountain campground, near Wrightwood, CA
Contact Person:  Cam, N6GA  camqrp@cyberg8t.com

--
http://www.willapabay.org/~bill
ICQ me at #8926298

---

Date: Mon, 25 May 1998 13:35:50 -0400 (EDT)
From: Richard Brittingham <rbritt@visi.net>
To: unlisted-recipients:; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [11733] Re: Field Day Plans?
Message-ID: <Pine.GSO.3.96.980525133310.10311M-100000@ankara.visi.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Are any people or clubs in the Tidewater Area in Southeast Virginia having
any QRP setups for Field Day???

Thanks.

Richard W4MCD

---

Date: Mon, 25 May 1998 14:13:55 -5
From: "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
To: qrp-l@Lehigh.EDU
Subject: [11734] hootowl report
Message-ID: <199805251812.OAA07056@sparticus.bright.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Got on the Hootowl sprint last night and had a good time - worked a
lot of familiar calls. 20 was open the whole test, as was 40. 40 was
a bit tough with the noise (which peaked from the south!!), but 80
was even worse - only had 3 qso's on 80. I also have 160 capability,
but I did not hear one signal on top band all evening.

Final tally -
67 qso's
298 qso pts
40 spc
11,920 final claimed score

Looking forward to the next one!

73 - Bill - N8ET
Kanga US
kanga@mail.bright.net
http://www.bright.net/~kanga/
419-423-4604

---

Date: Mon, 25 May 1998 14:26:36 EDT
From: K5BDZ <K5BDZ@aol.com>
To: mgipe@reliablemeters.com, qrp-l@Lehigh.EDU
Subject: [11735] Re: NC20 testing
Message-ID: <3d9aa3cc.3569b7de@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Mike
Perspective thrives in real world practical application.  Thanks!!
Bill, K5BDZ

---

Date: Mon, 25 May 1998 11:49:18 -0700
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: <nilsbull@juno.com>
Cc: "QRP-L list" <qrp-l@Lehigh.EDU>
Subject: [11736] Intertextual transfers, luddites, pi, and Nils
Message-ID: <203901bd880d$d2c91db0$309f5ecf@double_trouble.reliablemeters.com>
MIME-Version: 1.0
Content-Type: text/plain;
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Content-Transfer-Encoding: 7bit

Nils --

>And I've got a really nice C3 Intertype sittin' here in the garage
that
>I'd give to Gary for just comin' over with a truck and some money to
pay
>the fork lift guy.

Does this mean that you're shifting life phase?  Are you exiting the
lead type on paper biz?

Say it ain't so, Joe.    No luddite me, but we do need to preserve our
technical heritage.  All the science we have today is based on the
science of the preceeding generations.  The next dark ages will come
when we forget our scientific foundation.  What is the value of pi?
And why?

Mike K1MG

---

Date: Mon, 25 May 1998 14:17:32 -0500
From: "Gary E. Meyers" <gmeyers@dialnet.net>
To: qrp-l@Lehigh.EDU
Subject: [11737] Re: C3 Intertype
Message-ID: <199805251917.OAA04270@mail.dialnet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Okay you guys, I said I was an EX-printer...not stupid.  I cut my teeth on linotypes and Ludlows; Meihle verticles and C&Ps.  So I will say: "Thanks Nils, for a most tempting offer," but you will notice my stuborness should you pursue to unload the monster onto me.  (grin).

Thanks for the memories!

At 11:49 AM 5/25/98 -0700, you wrote:
>Nils --
>
>>And I've got a really nice C3 Intertype sittin' here in the garage
>that
>>I'd give to Gary for just comin' over with a truck and some money to
>pay
>>the fork lift guy.
>
>
>Does this mean that you're shifting life phase?  Are you exiting the
>lead type on paper biz?
>
>Say it ain't so, Joe.    No luddite me, but we do need to preserve our
>technical heritage.  All the science we have today is based on the
>science of the preceeding generations.  The next dark ages will come
>when we forget our scientific foundation.  What is the value of pi?
>And why?
>
>Mike K1MG
>
>
>
>

{ . . }
------------------@@@@--U--@@@@----------------------+
**** 73 - DE KY0B (Gary) IN AURORA,MISSOURI ****
+--------------------------------------------------+

---

Date: Mon, 25 May 1998 02:35:19 -0700
From: Lisa Osier <osier@northnet.org>
To: qrp-l@Lehigh.EDU
Cc: osier@northnet.org
Subject: [11738] Hootowl Report (or lack of)
Message-ID: <35693B57.79AB@northnet.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Gang!!
Life on 7110 was tough!!! Calling CQ with no replies , VERY noisy on 40 and a small group of non-contesters made it impossible to find anyone. Moved around a bit but could raise nobody. Will wait for the next contest maybe someone will show up.....

73/72s
George, N2JNZ

---

Date: Mon, 25 May 1998 16:09:43 EDT
From: penzo@juno.com (Michael A Penzo)
To: qrp-l@Lehigh.EDU
Subject: [11739] RE: Elmer 101: Part 5 questions
Message-ID: <19980525.145250.4831.0.penzo@juno.com>

Many thanks to Dave Benson for taking the time to personally answer Elmer questions. What a great project this elmer101 is turning out to be! It's very interesting to me, to understand exactly what the designer had in mind while designing the various stages of this little rig.

I would have never noticed the differential output of the mixer unless the question was asked and explained. Sure enough, with both outputs displayed on my scope, they're 180 out of phase, neat!

Looking forward to the next stage and thanks to Mike and the other elmers as well,

Mike, KT4FJ
Stafford, VA.

_____
You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at http://www.juno.com
Or call Juno at (800) 654-JUNO [654-5866]

---

Date: Mon, 25 May 1998 15:28:58 -0500
From: Bill Howell <bhowell@mail.utexas.edu>
To: qrp-l@Lehigh.EDU
Subject: [11740] Non- QRP post... Need info on Motorola UHF brick
Message-ID: <3.0.1.32.19980525152858.00698568@mail.utexas.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I came across a used Motorola UHF brick amp, model number N1275A, serial number 411AMW0502. 12 vdc.
Marked: "450-470 Mhz".

The seller is asking $45 for it (I have not purchased it yet). The seller has no info on the unit.

Does anyone know if this unit will operate SSB/CW? (I suspect it is FM only, designed for the land-mobile market) and what the power in/ power out specs are?

Also... could I expect the unit to operate in the 430-450 Mhz range without modification?

Thanks,

Bill Howell
University of Texas at Austin
Electronic Maintenance
Austin, Texas
N5ALO QRP-L #415

---

Date: Mon, 25 May 1998 17:18:31 -0400
From: Stewart Whitehouse <STEW_W@compuserve.com>
To: Low Power Amateur Radio <QRP-L@Lehigh.EDU>
Subject: [11741] RS DX-350 Secret?
Message-ID: <199805251718_MC2-3E1C-FB7F@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain; charset=ISO-8859-1
Content-Disposition: inline

Hi folks,
Found the last DX-350 sw receiver in the area. It works but the
volume control seems to be shorted. Full blast all the time and
it's a loud sucker. I want to get Arnie's show but don't think the
the neighbors do.

Has anyone on the list had the case off one of these? There are
three screws on the back. Two have arrows pointing to them and
the other holds the antenna on. With the two screws off, the middle
of the case frees up but the edges are as tight as can be. Must be
a secret place to squeeze or something. Before I get heavy handed
and break it, what's the secret code for open sesame?

One Store had one that was returned because it didn't work. Manager
said it would turn on but no sound. Hmmm I wonder...VC pot problems?
Maybe a real deal in the making.

72/73
Stew KE4YH
Dunedin, Florida
EL88oa

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Date: Mon, 25 May 1998 04:25:53 -0700
From: Lisa Osier <osier@northnet.org>
To: qrp-l@Lehigh.EDU
Cc: osier@northnet.org
Subject: [11742] Thanks
Message-ID: <35695541.386B@northnet.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello Gang!!

The nice thing about this group is the quick and very nice responses!! I thank those who sent a response to my note!! For the next contest it might be a good idea to let everyone that I (or maybe others...) will be there , Many thanks agn.

George, N2JNZ 73/72s

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Date: Mon, 25 May 1998 17:28:52 -0400
From: Thomas J McCuen <TMcCuen@compuserve.com>
To: QRP-L Lehigh Server <qrp-l@Lehigh.EDU>
Subject: [11743] Mods for 2020??
Message-ID: <199805251729_MC2-3E18-FD77@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain; charset=ISO-8859-1
Content-Disposition: inline

Ok, Have had the radio (SG-2020) for abt 5 days now and thinking of changes...

Nearly blew out my eardrums from the poping ( headphones on ) during powe=
r
up (also happens at power off).

I remember there was a trick or two with some of the QRP rigs for this...=

any ideas?  I'll be trying SGC also after the holiday for sugestions too.=

tnx
Tom

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Date: Mon, 25 May 1998 17:42:09 EDT
From: FrConrad <FrConrad@aol.com>
To: QRP-L@Lehigh.EDU
Subject: [11744] Query about "non-reactive" resistors
Message-ID: <a8935674.3569e5b2@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Dear Elmers of the Low Power Persuasion:

Is there such a thing as a "non-reactive" resistor in the 50-100-200 ohm range that is readily available?  I'd like to custom build a dummy load into a homebrew tuner, but most of the "off the shelf" DC resistors I have tried are quite reactive at RF.

(Yes, now that you mention it--I did pass my general exam by memorizing the answers to the questions.  Coeficient of electronic knowledge =.00000002).

It seems a little bit of overkill to hang my cigarette-pack-sized radio onto a 50-ohm one gallon paint can full of mineral oil just to get a non-reactive dummy load.

Enlighten me, o wise ones.

John+
WB^MFS

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Date: Mon, 25 May 1998 14:54:54 -0700
From: Andy Fox <foxes@theriver.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [11745] Not QRP - Junk Mail Increase?
Message-ID: <3569E8AE.44DCB3A7@theriver.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi,

I've received several "junk mail" e-mails lately - get rich quick schemes and bulk mailing info.

Has anybody else received this stuff?  Please reply privately; I don't want to raise the noise level of the list any more than I did by sending this e-mail.

Please let me know if there's a way to fend this junk off.  Thanks!
--
72/73 de Andy, KK7HV - QRP-L #1286 - Benson, AZ

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Date: Mon, 25 May 1998 16:59:27 -0500
From: ac5ez@webtv.net (Larry B)

To: qrp-l@Lehigh.EDU
Subject: [11746] FS
Message-ID: <199805252159.OAA28627@mailtod-121.bryant.webtv.net>
Content-Type: TEXT/PLAIN; CHARSET=US-ASCII
Content-Transfer-Encoding: 7BIT
MIME-Version: 1.0 (WebTV)

The Hw8 and Ten Tec
 Keyer have ben spoken for.
Larry Ac5ez

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Date: Mon, 25 May 1998 18:57:47 -0400
From: Zack Lau <zlau@arrl.org>
To: qrp-l@Lehigh.EDU
Subject: [11747] Re: Query about "non-reactive" resistors
Message-ID: <3569F76B.5B2F@arrl.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Most HF shirt pocket sized radios will do just fine with a
pair of 100 ohm metal oxide resistors in parallel. At VHF,
adding a coil of lossy coax will help matters.--Zack W1VT

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End of QRP-L Digest 1102
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